



EXPRESS MAIL LABEL NO.: EV842148358US

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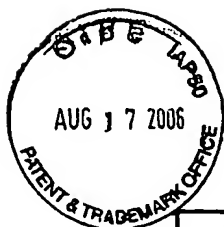
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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>			Complete if Known		
			Application Number	10/027195-Conf. #9651	
			Filing Date	December 20, 2001	
			First Named Inventor	Daniel Tunkelang	
			Art Unit	2167	
			Examiner Name	M. Le	
Sheet	1	of	3	Attorney Docket Number	109878.125-US1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
ML	AA*	US-4,775,935	10-04-1988	Yourick	
	AB*	US-4,868,733	09-19-1989	Fujisawa et al.	
	AC*	US-5,241,671	08-31-1993	Reed et al.	
	AD*	US-5,418,717	05-23-1995	Su et al.	
	AE*	US-5,418,951	05-23-1995	Damashek	
	AF*	US-5,546,576	08-13-1996	Cochrane et al.	
	AG*	US-5,548,506	08-20-1996	Srinivasan	
	AH*	US-5,590,269	12-31-1996	Kruse et al.	
	AI*	US-5,600,829	02-04-1997	Tsatalos et al.	
	AJ*	US-5,630,125	05-13-1997	Zellweger	
	AK*	US-5,634,128	05-27-1997	Messina	
	AL*	US-5,675,784	10-07-1997	Maxwell et al.	
	AM*	US-5,696,916	12-09-1997	Yamazaki et al.	
	AN*	US-5,724,571	03-03-1998	Woods	
	AO*	US-5,740,425	04-14-1998	Povilus	
	AP*	US-5,835,905	11-10-1998	Pirolli et al.	
	AQ*	US-5,852,822	12-22-1998	Srinivasan et al.	
	AR*	US-5,864,845	01-26-1999	Voorhees et al.	
	AS*	US-5,864,846	01-26-1999	Voorhees et al.	
	AT*	US-5,864,863	01-26-1999	Burrows	
	AU*	US-5,870,746	02-09-1999	Knutson et al.	
	AV*	US-5,873,075	02-16-1999	Cochrane et al.	
	AW*	US-5,875,440	02-23-1999	Cooperman et al.	
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	AY*	US-5,878,423	03-02-1999	Anderson et al.	
	AZ*	US-5,893,104	04-06-1999	Srinivasan et al.	
	AA1*	US-5,895,470	04-20-1999	Pirolli et al.	
	AB1*	US-5,897,639	04-27-1999	Greef et al.	
	AC1*	US-5,920,859	07-06-1999	Li	
	AD1*	US-5,926,811	07-20-1999	Miller et al.	
	AE1*	US-5,940,821	08-17-1999	Wical	
	AF1*	US-5,943,670	08-24-1999	Prager	
	AG1*	US-5,970,489	10-19-1999	Jacobson et al.	
	AH1*	US-5,978,788	11-02-1999	Castelli et al.	
	AI1*	US-5,978,799	11-02-1999	Hirsch	
	AJ1*	US-5,983,223	11-09-1999	Perlman	
	AK1*	US-5,986,655	11-16-1999	Chiu et al.	
	AL1*	US-5,991,756	11-23-1999	Wu	
	AM1*	US-6,006,217	12-21-1999	Lumsden	
	AN1*	US-6,006,218	12-21-1999	Breese et al.	
	AO1*	US-6,006,222	12-21-1999	Culliss	
	AP1*	US-6,006,225	12-21-1999	Bowman et al.	
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ML	AR1*	US-6,014,639	01-11-2000	Fohn et al.	

Examiner Signature	/Miranda Le/ (10/23/2006)	Date Considered	10/23/2006
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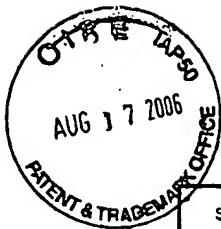
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				Art Unit	2167
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Sheet	2	of	3	Attorney Docket Number	109878.125-US1

ML	AS1*	US-6,014,655	01-11-2000	Fujiwara et al.	
	AT1*	US-6,014,657	01-11-2000	Weida et al.	
	AU1*	US-6,014,665	01-11-2000	Culliss	
	AV1*	US-6,028,605	02-22-2000	Conrad et al.	
	AW1	US-6,144,958	11-07-2000	Ortega et al.	
	AX1*	US-6,243,713	06-05-2001	Nelson et al.	
	AY1*	US-6,269,368	07-31-2001	Diamond	
	AZ1*	US-6,317,741	11-13-2001	Burrows	
	AA2*	US-6,339,767	01-15-2002	Rivette et al.	
	AB2*	US-6,397,221	05-28-2002	Greef et al.	
	AC2*	US-6,611,825	08-26-2003	Billheimer et al.	
	AD2*	US-6,697,801	02-24-2004	Eldredge et al.	
	AE2*	US-6,763,351	07-13-2004	Subramaniam et al.	
	AF2*	US-6,845,354	01-18-2005	Kuo et al.	
ML	AG2*	US-US-2002/0152204	10-17-2002	Ortega, et al.	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Country Code ² -Number ³ -Kind Code ⁴ (if known)					
ML	BA	WO-97/36251		10-02-1997	Critical Thought, Inc.		
ML	BB	JP-11250107		09-17-1999	Adobe Systems Inc.		
ML	BC	EP-0676705		10-11-1995	US West Technologies, Inc.		
ML	BD	EP-0795833		09-17-1997	Mannesmann		
ML	BE	JP-11296547		10-29-1999	Seiko Epson Corp		
ML	BF	JP-09034901		02-07-1997	Meidensha Electric Mfg. Co. Ltd.		
ML	BG	WO-98/20436		05-14-1998	Natrificial LLC		
ML	BH	WO-96/27161		09-06-1996	Informations Medicales ET Statistiques		
ML	BI	JP-10134063		05-22-1998	Nippon Electric Co.		
ML	BJ	EP-0196064		10-01-1986	Hitachi, Ltd.		
ML	BK	GB-2293667					
ML	BL	WO-90/04231		04-19-1990	Minnesota Mining and Manufacturing Company		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
	CA	HONGYAN JING, "Information retrieval based on context distance and morphology".		
Examiner Signature	/Miranda Le/ (10/23/2006)		Date Considered	



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ML		Proceedings of the 22 nd Annual international ACM SIGIR conference on Research and Development in information retrieval, pp. 90-96, August 1999.	
	CB	Yahoo 1996 (Exhibit 12-16).	
	CC	Fua et al., "Structure-Based Brushes: A Mechanism For Navigating Hierarchically Organized Data and Information Spaces", <i>IEEE Transactions on Visualization and Computer Graphics</i> , Vol. 6, No. 2, April-June 2000.	
	CD	Han et al., "Join Index Hierarchy: An Indexing Structure For Efficient Navigation In Object-Oriented Databases", <i>IEEE Transactions on Knowledge and Data Engineering</i> , Vol. 11, No. 2, March/April 1999.	
	CE	Huei et al., "Object Signatures For Supporting Efficient Navigation In Object-Oriented Databases, Proceedings of the 32nd Hawaii International Conference on System Sciences", <i>IEEE</i> 1999.	
	CF	Yoo et al., "Towards A Relationship Navigation Analysis", Proceedings of the 32nd Hawaii International Conference on System Sciences", <i>IEEE</i> 1999.	
	CG	Tu et al., "Agent Technology for Website Browsing and Navigation", Proceedings of the 32nd Hawaii International Conference on System Sciences", <i>IEEE</i> 1999.	
	CH	Miller, Renee J., "Using Schematically Heterogeneous Structures", Department of Computer and Information Science, Ohio State University, 1998., pg. 189-200.	
	CI	Chen et al., "Online Query Refinement on Information Retrieval Systems"" A Process Model of Searcher/System Interactions", MID Department, University of Arizona, pgs. 115-133, 1990.	
	CJ	Beaudoin et al., "Cheops: A Compact Explorer For Complex Hierarchies", 1996 IEEE, pgs. 87-92.	
	CK	Velez et al., "Fast and Effective Query Refinement", SIGIR 1997, pgs. 6-15.	
	CL	McEneaney, John E., "Visualizing and Assessing Navigation in Hypertext", Hypertext 99 Darmstadt Germany, pgs 61-70.	
	CM	Turine et al., "A Navigation-Oriented Hypertext Model Based on Statecharts", Hypertext 97, Southampton UK, 1997.	
	CN	Chen et al., "Internet Browsing and Searching: User Evaluations of Category Map and Concept Space Techniques", Wiley InterScience: Journal:Abstract, January 6, 1999.	
	CO	Gil et al., "A Visual Interface and Navigator for the P/FDM Object Database", Department of Computing Science, University of Aberdeen	
	CP	Hua et al., "Object Skeletons: An Efficient Navigation Structure for Object-Oriented Database Systems". <i>IEEE</i> 1994.	
	CQ	Bird et al., "Content-Driven Navigation of Large Databases", The Institution of Electrical Engineers, 19996, pgs. 13/1 - 13/5.	
	CR	Ramaswami et al., "Navigating a Protection-Engineering Data Base", <i>IEEE</i> , April 1998, pgs. 27-32.	
	CS	Xiong et al., "Taper: A Two-Step Approach for All-Strong-Pairs Correlation Query in Large Databases", <i>IEEE Transactions on Knowledge and Data Engineering</i> , Vol. 18, No. 4, April 2006, pgs. 493-508.	
ML	CT	Kumamuru et al., "A Hierarchical Monothetic Document Clustering Algorithm for Summarization and Browsing Search Results", WWW2004, May 17-22, 2004, pgs.658-665.	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

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